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UNITED STATES DEPARTMENT OF AGRICULTURE

BUREAU OF ENTOMOLOGY

FOREST INSECT INVESTIGATIONS

COLEOPTERA - CERAMBYCIDAE

Hopkins U. S. Notes

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SPECIES INCLUDED IN NOTES OF

PORTLAND STATION

Order: COLEOPTERA

Family: Cerambycidae

Acmaeops tumida

Anopoldera valida

Asemum atrum Esch.

Asemum

Atimia dorsalis Lec

Callidium antennatum

Callidium californicum Scy.

Callidium hirtellum

Clytus planifrons Lec

Criocephalus asperatus

Criocephalus productus Lec.

Desmocerus piperi Webb.

Desmocerus ovipennis

Dicentrus bluthneri Lec.

Ergates speculatus

Glyptoscellis albida Lec.

Graphisurus obliquis Lec.

Graphisurus pacificus Csy

Graphisurus spectabilis Lec

Graphisurus Sp.

Leptalia mecilenta Lec

Leptostylus Sp.

Leptostylus nevulosus

Leptura chrysocoma Krby

Leptura latifica

Leptura obliterata Hald

Leptura plagifera Lec

Leptura sp. nr. carbonata Lec.

Leptura vescriptus

Liasemum mokelumne Csy

Liasemum nitidum (var.) Lec.

Liasemum Sp.

Molorchus longicollis

Monochamus maculosus Hald.

Monochamus oregonensis

Monochamus Sp.

Neoclytus conjunctus

Neoclytus muricatulus Krby.

Oberea quadricallosa

Pachyta monticola Rand.

Paratimia conicola Fisher

Phymatodes dimidiatus Kirby

Phymatodes fasciapilosus Van Dyke

Phymatodes nitidus Lec.

Phymatodes vulneratus Lec.

Rosalia funebris

Order: COLEOPTERA
Family: Cerambycidae

Cont. - 2 -

Semanotus amethystinus Lec.

Semanotus ligneus Fab.

Semanotus ligneus var. thujae VD

Semanotus nicolas White

Spondylis upiformis Mann.

Stenocorus (rhagium) Lineatum Oliv.

Stenocorus vestitus (var) Hald.

Strangalia delacarta Lec.

Synaphoeta guexi

Tetropium abietes Fall

Tetropium cinnamopterum Kby

Tetropium velutinum Lec

Tragasoma harrisi Lec

Ulochaetes leoninus Lec.

ASEMUM ATRUM Each.

Order: COLEOPTERA
Family: Cerambycidae

Pinus ponderosa

18100c Royston, Ore. 5/25/27 F. P. Keen, Colr.
Cerambycid larvae dug from mines in sound sapwood, Asemum Atrum Esch.

18107p,x Bonanza, Ore. 5/26/27 W. J. Buckhorn, Colr.
Cerambycid larvae and pupae in bark.
Cerambycid larvae and pupae in hard, pitchy woods.

18109q Bonanza, Ore. 5/26/27 F. P. Keen, Colr.
Coleo. Cerambycid-Makes holes through sapwood which are packed with red boring dust then constructs pupal cell in bark after boring winding mine in bark. Asemum atrum Esch.

18110ge Bly, Ore. 6/3/27 F. P. Keen, Colr.
Tetropium, pupal and larvae found in bark at base of tree. These had mostly emerged in other years. Found galleries into wood packed with red grass. Asemum atrum.
Smaller cerambycid pupating in fairly sound, moist sapwood at level of ground. Asemium atrum Esch.

18114h Bly, Oregon 6/6/27 W. J. Buckhorn, Colr.
Coleo.-Cerambycid larvae in sapwood.

CALLIDIUM HIRTELLUM

Order: COLEOPTERA
Family: Cerambycidae

Pinus ponderosa

20530b Fox Bute, Deschutes, N. F. Ft. Rock, Ore.
9/29/30 F. P. Keen, AJJ, MP, Colrs.
Cerambycidae-Callidium hirtellum.

4/15/31	Emerged	0
4/26/31	"	3
5/2/31	"	1
5/17/31	"	1
5/26/31	"	0
6/4/31	"	0
7/1/31	"	0
12/36/31	"	0
4/20/32	"	0
5/23/32	"	0
12/17/32	"	0
2/15/33	"	0

18954e Fort Rock, Oregon 10/23/31 F. P. Keen, Buck, Colrs.
Cerambycid-Callidium Hirtellum

4/20/32	Emerged	0
5/17/32	"	0
5/23/32	"	0
5/28/32	"	0
6/21/32	"	0
7/3/32	"	0
7/13/32	"	0
12/17/32	"	0
2/15/33	"	2
5/9/33	"	0
6/17/33	"	0
6/27/33	"	0

Case closed Dec. 14, 1933.

CRIOCEPHALUS PRODUCTUS Lec

Order: COLEOPTERA
Family: Cerambycidae

Pinus ponderosa

18124c Klamath Falls, Oregon 7/10/27 F. P. Keen, Colr.
Cerambycid (Aseminae) medium sized larvae found in deep cells in wood. Larvae work under bark making large patches of course excelsior, like shavings and then enter the sapwood packing the hole with shavings. Work very similar to that of Monochanus.

ERGATES SPECULATUS

Order: COLEOPTERA
Family: Cerambycidae

Pinus ponderosa

18109J Bonanza, Oregon 5/26/27 F. P. Keen, Colr.
Ergates spiculatus larvae making large tunnels.

18113a Bly, Oregon 6/6/27 W. J. Buckhorn, Colr.
Ergates spiculatus small to nearly full grown larvae more than four inches into the sapwood and working into the heartwood.

18125h Klamath Falls, Oregon 7/11/27 F. P. Keen, Colr.
Large larvae of Ergates constructing large mines.

18128p Klamath Falls, Oregon 7/20/27 F. P. Keen, Colr.
Cerambycidae-Ergates, large larvae making beig galleries near heartwood.

18131i Jenny Creek, Oregon 8/1/27 F. P. Keen, Colr.
Ergates spiculatus-small to large larvae in punky wood and adjacent hard wood.

18133p Lakeview, Oregon 8/29/27 F. P. Keen, W. J. Buckhorn, ME, Colrs.
Ergates spiculatus-larvae working in old rotten log.

(GRAPHISURUS)
ACANTHOCINUS SPECTABILIS Lec

Order: COLEOPTERA
Family: Cerambycidae

Pinus ponderosa

18100d	Royston, Ore	5/25/27	F. P. Keen
	Cerambycid larvae from under bark		
18105a	Bonanza, Ore.	5/26/27	HGS
	Graphisurus spectabilis larva under bark of J. S. 315 (Db. 30")		
18116m	Bly, Ore.	6/6/27	W. J. Buckhorn
	Large larvae of Graphisurus spectabilis		
18127j	Klamath Falls, Ore	7/19/27	F. P. Keen
	Cerambycidae-Aseminae larva deep in sapwood		
18147d	Klamath Falls, Ore	6/28/28	F. P. Keen
	Acanthocinus spectabilis found pupae and new adult in cells in outer bark at base of tree.		
18813i	Keno, Oregon	9/15/30	J. A. Beal
	Graphisurus spectabilis		

LEPTURA OBLITERATA Hald

Order: COLEOPTERA
Family: Cerambycidae

Tsuga heterophylla

20504b Wilson Riv. Tillamook, Ore. 7/10/30 BHW, Colr.
One specimen found in chamber in sapwood not far below inner bark

20505b Wilson Riv. Tillamook, Ore. 7/10/30 BHW, Colr.
Larvae found to be very numerous mostly in sapwood although some were found in heart wood. All stages of larvae were found.

LEPTURA SP nr. CARBONATA Lec

Order: COLEOPTERA
Family: Cerambycidae

Pinus ponderosa

18110d Bly, Oregon 6/3/27 F. P. Keen, Colr.
Small white curved larvae (Rhyncophoral) mining blue stained moist sapwood at base of tree. Minew irregularly round and wasted on inside with packed frass. Minew mostly horizontal.

18113c Bly, Oregon 6/6/27 W. J. Buckhorn, Colr.
Smaller Ceramybcid found through sapwood, larvae and pupae.

18120a Bly, Oregon 5/31/27 F. P. Keen, Colr.
Cerambycid larvae deep in blue stained slightly punky sapwood of tree killed in fall of 1924 by barkbeetles.

18129d Klamath Falls, Ore. 7/21/27 F. P. Keen, Colr.
Cerambycidae-Leptura. Larvae in moist wood at base of tree.

18130b Klamath Falls, Ore. 8/7/27 F. P. Keen, Colr.
Cerambycidae-Leptera-found in moist hard sapwood.

18131j Jenny Creek, Ore. 8/1/27 F. P. Keen, Colr.
Cerambycidae-Leptura-small larvae in vertical tunnels in wood.

18133k Lakeview, Ore. 8/29/27 F. P. Keen, W. J. Buckhorn, ME Colrs.
Cerambycidae-Leptura larvae in $2\frac{1}{2}$" under surfact of down log with fairly sound wood, and in rotten wood at ground of standing tree.

LIASEMUM MOKELUMNE Csy.

Order: COLEOPTERA
Family: Cerambycidae

Pinus ponderosa

18100h Royston, Ore. 5/25/27 F. P. Keen, Colr.
Three dead adults removed 7/28/27

18103a Bly, Oregon 5/30/27 F. P. Keen, Colr.
Cerambycid. Many pupae found in vertical oval holes O in sapwood with heads pointing outward. Also one new adult found. Holes are plugged with white excelsior like shavings which project from the surface of the sapwood into bark. Exit hole constructed in bark nearly to surface.

18111b Ashland, Oregon 6/4/27 F. P. Keen, Colr.
New adults in hard wood above ground. Wad of excelsior frass at surfact of wood plugging the pupal chamber.

18114g Bly, Oregon 6/6/27 W. J. Buckhorn, Colr.
Cerambycid-larvae and pupae

18147a Klamath Falls, Ore. 6/28/28 F. P. Keen, Colr.
Liasemum mokelumne larvae, pupae and new adults in outer bark of old dead tree. Material consisting of four larvae and two pupae sent to Washington for study.

LIASEMUM NITIDUM (var.) Lec.

Order: COLEOPTERA
Family: Cerambycidae

Pinus ponderosa

18122e Lorella, Oregon 6/29/27 F. P. Keen, Colr.
Cerambycid larvae and pupae in roots and lower trunk. Make large vertical cavities in sapwood and pupate in sapwood packing exit with a wad of white excelsior shavings.

18122a Goodlowe, Lorella, Ore 6/29/27 F. P. Keen, Colr.
Cerambycids which make holes in wood filled with red boring dust and then pupate in bark. Found larvae, pupae and new adults on N. side of tree.

LIASEMUM NITIDUM Lec

Order: COLEOPTERA
Family: Cerambycidae

Pinus ponderosa

18106s Bonanza, Oregon 5/26/27 ME, Colr.
In wood of IS 93 two new adults of Liasemum nitidum

18107e Bonanza, Ore. 5/26/27 W. J. Buckhorn, Colr.
In wood of HS 5303-Cerambycid. Larvae and pupae of Osemum nitidum. Pupae with two prominent hooks, larvae with legs and two low spires on last segment.

18122f Lorella, Ore. 6/29/27 F. P. Keen, Colr.
Cerambycid larvae pupae and adults in bark similar to (a) Liasemum nitidum Lec.

18126o Klamath Falls, Oregon 7/19/27 F. P. Keen, Colr.
Cerambycidae. Holes in wood packed with red bark shavings. One has emerged from base of tree. No others found.

MONOCHAMUS OREGONENSIS

Order: COLEOPTERA
Family: Cerambycidae

Abies concolor

18146i Pinehurst, Oregon 6/22/28 F. P. Keen, Colr.
Adults found resting in trunk.

18807c Clover Creek, Oregon 7/18/29 J. A. Beal, Colr.
Monochamus oregonensis

18908g Beatty, Oregon. Mar. /30 W. J. Buckthorn, Colr.

Rearing Notes
6/8/31 - 2
6/13/31- 4
Case closed 3/14/32

32" windfall, rotten in middle, blown down sometime ine summer 1929, cambium still fairly fresh in patches and discolored, moist.

PHYMATODES NITIDUS Lec.

Order: COLEOPTERA
Family: Cerambycidae

Librocedrus decurrens

18901g Pinehurst, Oregon 6/21/30 WJB, Colr.
Phymatodes nitidus Lec.

18901m Pinehurst, Oregon 6/21/30 WWB, Colr.

4/20/32	9
4/26/32	10
5/2/32	7
5/12/32	8
5/17/32	12
5/23/32	7
5/28/32	9
6/21/32	8
2/16/33	1
4/12/33	19
6/17/33	24
6/27/33	2

Case Closed 12/14/33

Note:- On 4/12/33 19 specimens of 18901 "m" Phymatodes nitidus Lec were found in cardboard box at the Lab. containing sample of the work of Phloeosinus sp. Feb. 15, 1933 live cerambycidae larvae found.

SYNAPHOETA GUEXI

Order: COLEOPTERA
Family: Cerambycidae

Quercus garrayana

18902b Pinehurst, Oregon 6/22/30 WJB, Colr.
The large sized white larva were making rather winding galleries (frass filled) about one inch under surface of wood. More or less paralell to grain of wood, with the larva working upward.

18951 Klamath Falls, Oregon 8/8/31 WJB, Colr.
Tree was partly killed on north side by insects, south side green and thrifty, bark was somewhat loose; wood and bark dry. Larvae had made winding frass filled galleries scoring both bark and wood. The pupal cell was constructed about 1/4 inch under surface of wood paralell to grain.

TETROPIUM ABIETES

Order: COLEOPTERA
Family: Cerambycidae

Abies Magnifica

18914b Crater Lake, Oregon 5/9/30 WJB, Colr.
Larva made long winding frass filled galleries in cambium pupal cell constructed in outer bark.

18958e Crater Lake, Oregon 6/2/32 WJB, Colr.
A 22' tree wind throwen in spring of 1931 laying in a fairly well shaded place; foliage brown and fallen cambium green except when bugs had worked.

7/13/32 2
7/22/32 3

ULOCHAETES LEONINUS Lec

Order: COLEOPTERA
Family: Cerambycidae

Pinus ponderosa

18110d Bly, Oregon 6/3/27 F. P. Keen, Colr.
Tree D 26. Black top. Bark loose and dry underneath. Killed by Db in 1920. Spotted by FPK in 1921. Wood, except at base dry and hard deeply weather checked. Large larvae making large cavities in lower trunk down into roots, one foot below level of ground. Mines mostly wertical, broadly oval and packed with coarse moist.

18111a Bly, Oregon 6/4/27 F. P. Keen, Colr.
Tree GW 2140 killed by Db in fall of 1923 examined for insects. Wood hard and pitchy on one side, punky and soft below. Cerambycid large larvae in moist wood of roots and base of tree. Prepupal larvae.

18121f Bly, Oregon 6/17/27 F. P. Keen, Colr.
Tree (EW 29) killed in fall of 1921 by Db examined for insects. Wood above 3' from ground dry and hard, still sound but deeply weather checked. Cerambycid larvae found at base of tree under surface of sapwood. Not ergates but similar.

18134b Alturas, Calif. 9/1/27 F. P. Keen, Colr.
Tree killed by D. m. and flatheads in fall of 1926. Foliage yellow. Adults flying and on bark of beetle killed pines.